Australia

Canada

Combined Communications-Electronics Board (CCEB)

New Zealand

United Kingdom

United States

CCEB - Working Together

Name of Briefer

CCEB Purpose

“Enable Interoperable C4 Capabilities That Make Warfighters More Effective in Coalition Operations”

CCEB Organization

Combined Communications-Electronics Board (CCEB)

Associated Interoperability Organisations

- Multinational Interoperability Council
- AUSCANZUKUS Naval C4
- ABCA
- Air & Space Interoperability Council
- The Technical Cooperation Program
- NATO

PRINCIPALS

Executive Group

National Staffs

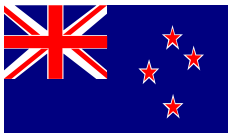
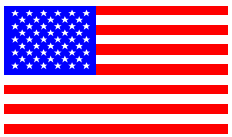
Permanent Secretary

Washington Staff

Coalition Wide Area Network	Information Security	Messaging	Directory Service	Frequency Planners	Public Key Infrastructure	Allied Communication Publications
Meets two-three times annually	Meets biannually	Meets biannually	Meets biannually	Meets annually	Meets biannually	Meets Annually

Combined Communications-Electronics Board (CCEB)

Personnel – Oct 06

	PRINCIPAL	EXECUTIVE GROUP	WASHINGTON STAFF
	MAJGEN David Chalmers (chair)	Mr. Roger O'Sullivan (chair)	LTCOL Steven Lee
	MGen Glynne Hines	Mr Bill Brittain	LCol Steve Moritisugu (chair)
	Mr Derek Locke	CDR Corina Bruce	SQNLDR Paul Drysdale
	AVM Stephen Dalton	Col Tim Rimell	Wg Cdr Alan Codling
	MG Dennis Moran	Col Kevin Kelly	Col Kevin Kelly, USMC

Permanent Secretary		Lt Cdr, RN John Stott

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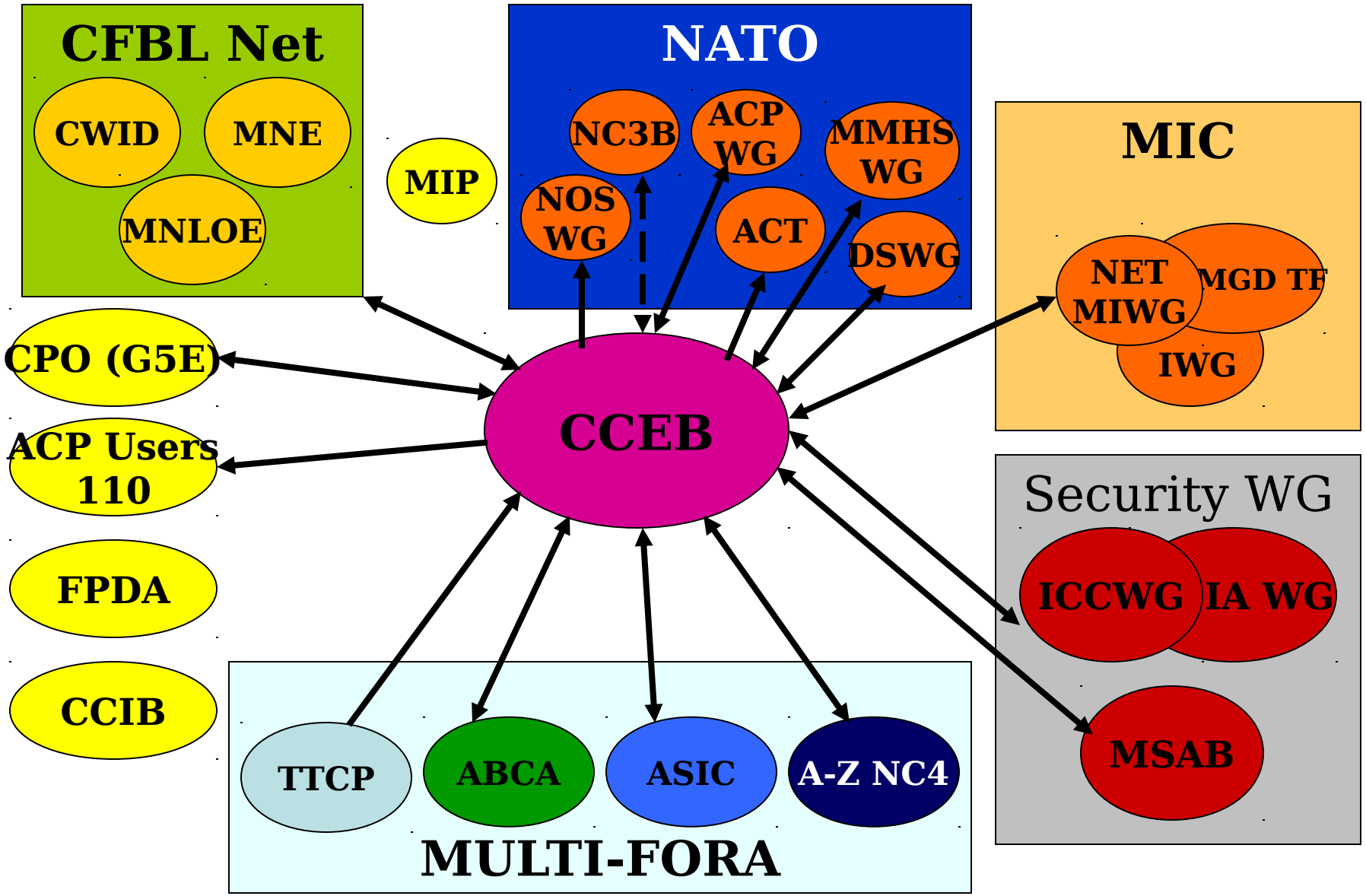
CCEB RELATIONSHIPS



CCEB GOALS

- **Goal 1: Promote and Lead C4 Interoperability in Support of the Coalition Warfighter**
  - Develop and enhance Combined and/or Coalition C4 interoperability within nations, amongst allies and with coalition partners through the provision of strategies, policies and procedures

- **Goal 2: Deliver capabilities and services to improve information exchange in a Coalition Environment.**
  - Provide the Warfighter with capabilities and services providing effective and interoperable communications and information services by influencing the implementation and future development of these capabilities.

- **Goal 3: Champion actions to optimize Military access to spectrum.**
  - Provide the Warfighter with access to adequate radio frequency spectrum

CCEB Principals' Priorities

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- **Griffin**
  - Evolve a centrally managed core services approach
    - Initial focus on Directory Services
  - Establish classified Web capabilities in the near term
  - Support delivery of military messaging
  - Develop policies and procedures to manage multinational information for G5E web

- **Public Key Infrastructure**
  - Enable interoperability of national Defence PKI systems
    - Publication 1010 – Process for cross-certification of national Defence PKI root authorities

- **Spectrum**
  - Advocate and defend military spectrum access
    - Influence national decision makers to adopt CCEB preferred positions at WRC 2007
  - Enable interoperability of spectrum management databases
  - Identify future spectrum-related issues which the CCEB should be engaged

CCEB Key Activities and Deliverables

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- **Griffin**
  - CWAN interconnecting national classified C2 networks
  - Access from User's desktop
  - Initial application – (up to) SECRET Releasable E-Mail with attachments and supporting directory service
  - Current work is focused on delivering a classified web capability
  - Will provide a means to carry military messaging (between CCEB nations)

- **Public Key Infrastructure**
  - Access to UNCLASSIFIED US DoD PKI protected Web-Sites by non-US Users

- **Spectrum**
  - STF conducting a forward looking, wide ranging review of coalition spectrum-related matters including requirements, waveforms and military operations in a net-centric environment (NCE).

Future Focus Areas

Potential future focus areas for CCEB engagement are:

- **Data Strategy** – Coordinate initiatives related to data strategies
- **Identity Management** – Coordinate national IdM policies and procedures
- **Coalition Operations in a wireless environment** – Identify the implications of wireless networked services on coalition operations
- **Combined / Joint Environment** - Identify the CCEB role and ability to influence the development of future C4 capabilities required to support command and control of allied operations (C2 Architectures Task Force being formed)
- **IPv6** - Examine policy, technical and security implications of IPv6

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Conclusion